



## ELECTRODE CONFIGURATION FOR RESISTIVITY SOUNDING

### ABSTRACT

- 5        Device for resistivity soundings on water covered subsurfaces including a Fixed Current Asymmetric Schlumberger electrode configuration with a first and second current electrode and a number of voltage electrodes that are positioned on one line between the current electrodes, and method for measuring the apparent resistivity of water covered subsurfaces using said device and electrode configuration
- 10       whereby a voltage gradient associated with a generated electrical field between the current electrodes, is measured between the voltage electrodes such that it allows noise recognition and noise filtering by Coupled Electrode Noise Filtering.